

Rev. 6/2000

## REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on January 14, 2002.

C. Magallón  
C. Magallón

Application Number : 09/346,361  
Filing Date : July 1, 1999  
Inventor(s) : Erland Olson, et al.  
Title : METHOD AND APPARATUS FOR EFFICIENT MIXED SIGNAL  
PROCESSING IN A DIGITAL AMPLIFIER  
Group Art Unit : 2817  
Examiner Name : S. Mottola  
Docket No. : 40938/RJP/B600 Date: January 14, 2002

MAIL TO: Box RCE

This is a Request for Continued Examination (RCE) under 37 CFR § 1.114 of the above-identified application.

This application is **not** an application of the kind specified in 37 CFR § 1.114(e).

### 1. THE STATUS OF THE APPLICATION IS AS FOLLOWS:

- a. ☒ Pending (no review proceedings active)
- (1) ☒ An Action was mailed by the Office on 07/18/01, as to which no appeal under 37 CFR § 1.191 has been filed and  
☒ a response under 37 CFR § 1.111 was mailed on 12/18/01,  
via Express Mail  
☒ with certificate of mailing under 37 CFR § 1.8  
the enclosed Submission is a response under 37 CFR § 1.111.  
☒ that Action was a Final Rejection, the finality of which is to be withdrawn by this Request  
an appeal or civil action under 35 U.S.C. 141, 145 or 146 has been terminated
- (2) ☐ Allowed: the Notice of Allowance was mailed by the Office on ☐  
the Issue Fee has not been paid  
the Issue Fee has been paid and a petition under 37 CFR § 1.313 was granted on ☐
- b. ☐ Pending (with review proceeding active)  
An appeal under 37 CFR § 1.191 has been filed. **Applicant(s) hereby withdraw that appeal and request reopening of the prosecution of the application.**

01/30/2002 HGBREH1 00000046 09346361

01 FC:179  
02 FC:103

740.00 OP  
90.00 OP

RECEIVED  
TECHNOLOGY CENTER  
FEB 14 2002  
RCE  
FILED  
JAN 14 2002

01/30/2002 HGBREH1 00000046 09346361  
520-00-00  
03-FC-117

---

---

**REQUEST FOR CONTINUED EXAMINATION (RCE)  
TRANSMITTAL**

---

---

**Application No. 09/346,361**

---

---

**2. SUBMISSION(S) REQUIRED (check at least one)**

a. Previously submitted

- ☒ Consider the amendments/reply under 37 CFR § 1.116 previously filed  
on 12/18/01  
☐ Consider the arguments in the Appeal or Reply Brief previously filed on \_\_\_\_  
☐ Other:

b. Enclosed

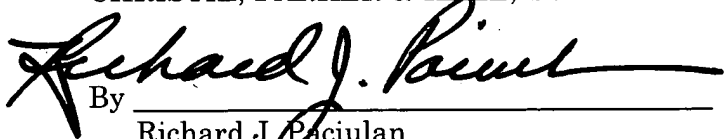
- ☒ Amendment/Reply  
☐ Affidavit(s)/Declaration(s)  
☐ Information Disclosure Statement  
☐ Documents under 37 CFR § 1.48  
☒ Petition for Extension of Time  
☐ Other:

The Examiner is requested to telephone the undersigned promptly following receipt and initial review of the application in light of the Submissions(s) for the conduct of, or the scheduling of, a telephone interview in the application.

Please address all correspondence to **CHRISTIE, PARKER & HALE, LLP, P.O. Box 7068, Pasadena, CA 91109-7068.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

  
By \_\_\_\_\_

Richard J. Paciulan  
Reg. No. 28,248  
626/795-9900

RJP/cam

**REQUEST FOR CONTINUED EXAMINATION (RCE)  
FEE CALCULATION SHEET**

**Application No. 09/346,361**

**PART I - BASIC FEE**

BASIC FEE	Small Entity \$370.00	Large Entity \$740.00	740.00
-----------	--------------------------	--------------------------	--------

**Part II - ADDITIONAL CLAIMS (compared to application before RCE)**

	Claims Remaining After Amendment	Highest Number Previously Paid For	Number Extra Claims	Small Entity Rate	Large Entity Rate	FEE
Total Claims	32	* 27	5	x \$9.00	5 x \$18.00	90.00
Independent Claims	8	** 8	0	x \$42.00	0 x \$84.00	0
First Presentation of Multiple Dependent Claim				\$140.00	\$280.00	
TOTAL CLAIMS FEE						90.00

List Independent Claims: 4, 6, 11, 14, 20, 26, 28, and 34

\* IF THE "HIGHEST NUMBER OF TOTAL CLAIMS PREVIOUSLY PAID FOR" IS LESS THAN 20, WRITE "20" IN THIS SPACE.  
\*\* IF THE HIGHEST NUMBER PREVIOUSLY PAID OR IS 3 OR LESS, WRITE "3" IN THIS SPACE.

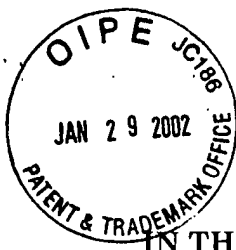
3. FEES (The RCE fee under 37 CFR § 1.17(e) is required by 37 CFR § 1.114 when the RCE is filed.)

a. Amount (total from Fee Calculation Sheet)

A check for \$830.00 is enclosed.

b. X The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required for this transaction to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A duplicate copy hereof is enclosed.**

CAM PAS408025.1-\* -1/14/02 3:44 PM



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
AMENDMENT TRANSMITTAL LETTER

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on December 18, 2001.

*C. Healion*

C. Healion

Applicant : Erland Olson, et al.  
Application No. : 09/346,361  
Filed : July 1, 1999  
Title : METHOD AND APPARATUS FOR EFFICIENT MIXED SIGNAL  
PROCESSING IN A DIGITAL AMPLIFIER  
Grp./Div. : 2817  
Examiner : Mottola, S.  
Docket No. : 40938/RJP/B600

Assistant Commissioner for Patents  
Washington, D.C. 20231

Post Office Box 7068  
Pasadena, CA 91109-7068  
December 18, 2001

Enclosed is an amendment to the above-identified application.

CLAIMS AS AMENDED						
	Claims Remaining After Amendment	Highest Number Paid For	Number Extra Claims	Small Entity Rate	Large Entity Rate	FEE
Total Claims Fee	32	* 27	5	x \$9.00	5 x \$18.00	\$90
Independent Claims	8	** 8	0	x \$42.00	x \$84.00	
Multiple Dependent Claims ***				\$140.00	\$280.00	
TOTAL FILING FEE						\$90
NO ADDITIONAL FEE REQUIRED ****	IF NO FEE REQUIRED, INSERT "0"					
LIST INDEPENDENT CLAIMS: 4, 6, 11, 14, 20, 26, 28, 34						
* IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3 ** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3 *** PAY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST TIME **** IF NO FEE REQUIRED, ADDRESS ENVELOPE TO "BOX NON-FEE AMENDMENTS"						

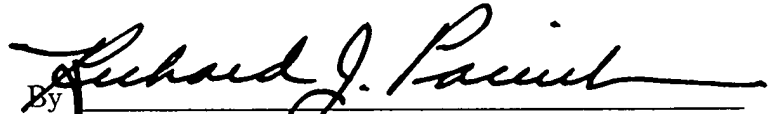
- ☒ Attached is our check for \$90 to pay the fees calculated above.  
☒ A Petition for Extension of Time and the required fee are enclosed.  
☐ Other enclosures:

**Amendment Transmittal Letter**  
**Application No. 09/346,361**

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A copy of this letter is enclosed.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By Richard J. Pacullan

Richard J. Pacullan

Reg. No. 28,248

626/795-9900

RJP/cah

CAH PAS402768.1-\* 12/17/01 9:26 AM



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on December 18, 2001.*

*C. Healion*  
C. Healion

RECEIVED  
FEB - 4 2002  
TECHNOLOGY CENTER 2800

Applicant : Erlend Olson, et al.  
Application No. : 09/346,361  
Filed : July 1, 1999  
Title : METHOD AND APPARATUS FOR  
EFFICIENT MIXED SIGNAL  
PROCESSING IN A DIGITAL  
AMPLIFIER

Grp./Div. : 2817  
Examiner : Mottola, S.

Docket No. : 40938/RJP/B600

AMENDMENT AFTER FINAL

BOX AF  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Post Office Box 7068  
Pasadena, CA 91109-7068  
December 18, 2001

Commissioner:

In response to the Office action of July 18, 2001, please amend the above-identified application as follows:

In the Claims:

Please add new claims 28 - 39 to read as follows.

28.(new) A method of digital amplification, comprising:  
summing an input signal with a feedback signal and  
generating a summed output signal;  
noise shaping the summed output signal to generate a noise  
shaped signal;